

# Polycom® ViaVideo II™

## Personal video communication system



### Benefits

**Natural, High-Quality Video** – Full-screen, full-motion video, Polycom Video Error Concealment, multiple monitor support, up to 512 kbps, 30 fps

**Crystal Clear Audio** – Full duplex audio lets you speak and listen at the same time; echo cancellation and noise suppression enhance audio clarity

**Easy to use** – New, Windows-like user interface is more intuitive and easier to navigate than ever before. Context sensitive help screens and detailed error messaging shorten the learning curve and speed adoption

**Simplified Dialing** – Polycom OneDial™ makes video calling as simple as dialing a telephone, integration with Polycom Global Directory supports easy dialing, Polycom Conference on Demand supports immediate, unscheduled multipoint conferencing — having any conference where you want it and when you want it

**Extended Collaboration** – Integration with the Polycom WebOffice Conferencing Portal enhances collaboration with real-time buddy list, presence detection and simplified sharing of data, software and PC applications of your choice

**Anytime, Anywhere Across the Globe** – Sleek, compact, and portable; supports 11 languages for global use

**Easily Installed, Centrally Managed** – Integrated with Polycom's PathNavigator and Global Management System, ViaVideo II can be managed remotely and as part of the complete video network

**Video Mail™** – Say it with Video! VideoMail™ adds value to any email you send. Record high quality audio/video messages, preview and simply email them from within the ViaVideo II user interface — or store them for later retrieval

**The world's most advanced, fully integrated personal video communication system brings enhanced, business-quality voice, video and data to the desktop. ViaVideo II delivers full-screen, full-motion video, crystal clear audio, and extensive data collaboration to your desktop or laptop PC.**

Polycom's ViaVideo II combines the power of a high-quality camera, microphone and multimedia processor in a compact and portable system that easily connects to the USB port on your PC. With the integrated high-performance multimedia processor, ViaVideo II allows you to effectively conference and run your other PC applications at the same time. With its Windows-like, graphical user interface and dual monitor support for expanded desktop workspace, ViaVideo II offers elegantly simple navigation.

Integration with the Polycom WebOffice Conferencing Portal extends ease of calling with Click and Meet, real-time buddy list, presence detection and automatic call setup for point-to-point or multipoint calls. It also makes sharing software, data and PC applications a breeze.

Polycom iPriority features, including Polycom Video Error Concealment (PVEC) and Diffserv QoS, enable ViaVideo II to deliver high-quality video conferencing over IP networks. And, as an integrated component of The Polycom Office, ViaVideo II works well for one-to-one or one-to-many communications in offices, home offices or small businesses.

Bring geographically dispersed workgroups, telecommuters, and remote offices together like never before — easily and affordably with ViaVideo II.

### The all-in-one choice for The Polycom Office™

With integrated video, voice, data and Web capabilities, The Polycom Office is the only solution that offers you an easy way to connect, conference, and collaborate any way you want. The Polycom Office is our commitment to making distance communications as natural and interactive as being there. Work faster, smarter, and better with Polycom ViaVideo II and The Polycom Office.



# Video

*Connect. Any Way You Want.*

# Polycom ViaVideo II™ Specifications

## ITU-T H.323 standards compliant

### Audio

- 7kHz with G.722.1, G.722
- 3.4kHz with G.711, G.723.1, G.728
- Acoustic Clarity Technology by Polycom
- Full Duplex Audio
- Echo Cancellation
- Automatic Gain Control (AGC)
- Automatic Noise Suppression (ANS)
- Integrated Hyper-cardiod Microphone

### Video

- H.261, H.263
- Multiple Monitor Support — must be supported by PC video card
- Picture-In-Picture (PIP) — move/size independently from main video
- Brightness control — automatic or manual
- Low light, backlight compensation
- Video privacy shutter
- Video mute

### Data

- T.120, Integrated Microsoft NetMeeting
  - Application sharing
  - Whiteboard
  - File transfer
  - Chat
- Polycom WebOffice™ Conferencing Portal Integration
  - Initiate point-to-point calls
  - Initiate multipoint calls
  - Presence detection
  - Click and Meet dialing
  - Supported calls
    - Audio, video, data
    - Audio and Video
    - Audio and Data

### Voice over IP (VoIP)

- Supports voice-only calls to and from VoIP endpoints

### People video resolution

- CIF (352 x 288 pixels)
- QCIF (176 x 144 pixels)
- Supports 32 Kbps — 320 Kbps, Up to 15 fps
- Supports 320 Kbps — 512 Kbps, Up to 30 fps

### Content video resolution

- Receives H.261 Annex D images
- 4CIF (704 x 576)
- Sends H.261 Annex D images
- 4CIF (704 x 576)

## System connections

### Input/Output

- Power Input
- USB Output
- Audio In/Out
  - 3.5mm stereo phone jack supports connection of optional external headset, headset/microphone or powered speakers

### Camera

- 1/5th inch color CCD sensor
- VGA Resolution: (640 x 480 pixels)
- Field of View (FOV): 56 degrees
- Brightness control — automatic or manual
- Low light, backlight compensation
- Manual focus, tilt and swivel
- Privacy shutter

### Network interface

- IP LAN
  - Cable modem
  - DSL

## System components

- Integrated camera/codec/microphone and mounting base; support for external tripod mount
- Power adapter and cable
- USB cable
- Application software
- Electronic application help
- Electronic quick start
- Read Me First document

## Dialing Capabilities

### Directory services

- Direct registration with Polycom Global Address Book
- Live address book with Polycom Global Address Book automatically and quickly updates directory with address changes or new endpoints
- Live address book with Polycom Global Address Book automatically and quickly removes endpoints from directory if they are turned off
- Polycom Global Address Book integrates with Active Directory / LDAP
- Internet Locator Service (ILS) support
- H.323 external gatekeeper, gateway and MCU support
- Alias recognition for E.164 dialing
- Cisco CanMapAlias support

## Calling Capabilities

### Call forwarding\*

- Forward on busy
- Forward on no answer

### Call transfer

- Transfer to another H.323 endpoint

### Conference-on-Demand\*\*

- Using PathNavigator and a MGC bridge, create unscheduled multipoint calls directly from ViaVideo II user interface

## Quality of Service (QoS) and experience - iPriority™

- Polycom Video Error Concealment (PVEC) for concealing packet loss
- IP Precedence (ToS)
- Differentiate Services (DiffServ) (CoS)
- Network Address Translation (NAT) support
- Automatic NAT IP address discovery
- Dynamic bandwidth allocation
- Automatic gatekeeper discovery
- Configurable TCP/UDP firewall port ranges
- Lip synchronization
- Packet reordering and dejittering
- Asymmetric speed control

## System management

- Support for Polycom Global Management System™
- Integrated Web server for remote management, dialing, diagnostics and passwords
- Remote software update with user-definable URL
- Call detail records — last 25 calls (local) with continual reporting to Global Management System™

## Electrical

- Domestic power supply: Auto-switching 9 watt; 7.5 V output
- International power supply: Auto-switching 15 watt; 12 V output

## Language support

- Chinese (Simplified and Traditional), English, French, German, Italian, Japanese, Korean, Norwegian, Portuguese, Spanish

## Physical

- Dimensions (W/H/D) codec: 86 mm x 40 mm x 127mm
- Dimensions (W/H/D) mounting base: 82 mm x 43 mm x 88 mm
- Weight: 0.25kg (9oz.)

## System (PC) requirements

### For Windows 2000 and Windows XP

- USB Port
- 400 MHz processor, Pentium II compatible with MMX
- 128 MB RAM
- 8 MB video memory
- 250 MB available hard disk space (might be considerably less if required supporting software is already installed)
- SVGA monitor (800 x 600 pixels)
- 16-bit color or higher
- Desktop PC with headphones, headset or external speakers
- Laptop PC with headphones, headset or internal speakers
- Headset with microphone must have a single audio connection like those used with cellular phones
- IP network access (64 Kbps and above): cable, DSL, or LAN
- Microsoft® Internet Explorer Version 6.0 or later
- Windows Media® Player Version 7.1 or later
- Microsoft DirectX® Software Version 8.1 or later
- Microsoft NetMeeting® Version 3.01 or later

### For Windows 98 SE and Windows Me

- USB Port
- 400 MHz processor, Pentium II compatible with MMX
- 64 MB RAM
- 4 MB video memory
- 250 MB available hard disk space (might be considerably less if required supporting software is already installed)
- SVGA monitor (800 x 600 pixels)
- 16-bit color or higher
- Desktop PC with headphones, headset or external speakers
- Laptop PC with headphones, headset or internal speakers
- Headset with microphone must have a single audio connection like those used with cellular phones
- IP network access (64 Kbps and above): cable, DSL, or LAN
- Microsoft® Internet Explorer Version 6.0 or later
- Windows Media® Player Version 7.1 or later
- Microsoft DirectX® Software Version 8.1 or later
- Microsoft NetMeeting® Version 3.01 or later

## Integrated Audio via USB (Half-Duplex)

- Audio cable is optional when running Windows 2000 or Windows XP

## O/S Compatibility

- Windows 98 SE
- Windows Me
- Windows 2000 Professional
- Windows XP Home and Professional

## Warranty

One year parts and labor

\* certain restrictions and exclusions apply

\* Call forwarding requires PathNavigator 5.0

\*\* Conference-on-Demand requires PathNavigator 5.0 and Polycom MGC MCU



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*Specifications subject to change without notice.*



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Part No. 3726-06713A Rev. 06/03